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REPORT

KALININGRAD SHIPYARD STATE 820  
USSR

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JUNE 1971

3 PAGES

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GROUP 1: EXCLUDED FROM  
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INSTALLATION OR ACTIVITY NAME <b>Kaliningrad Shipyard State 820</b>		COUNTRY <b>UR</b>
UTM COORDINATES <b>NA</b>	GEOGRAPHIC COORDINATES <b>54-41-31N 020-26-12E</b>	25X1
MAP REFERENCE <b>8th RTS. US Air Target Chart, Series 200, Sheet M0169-10HL, 4th ed, Jul 66, scale 1:200,000 (SECRET)</b>		25X1
		NEGATION DATE (if required) <b>NA</b>
REQUIREMENT <b>None</b>		NPIC PROJECT <b>251031AA</b>

**ABSTRACT**

1. This report provides a detailed imagery-derived analysis of the new shipbuilding facilities under construction at Kaliningrad Shipyard State 820. It also provides an estimate of the appearance and capabilities of the yard when construction is completed.

**INTRODUCTION**

2. Kaliningrad Shipyard State 820 is on the western edge of the city of Kaliningrad. The new shipbuilding facilities are in the western portion of the shipyard (Figure 1).

3. Construction of the new facilities began in early 1966 and will probably not be completed until late 1972 or 1973. Enough indicators (e.g., footings, foundations, craneways, crane supports) were present on the most recent photography so that a confident prediction can be made regarding the appearance of the finished facility (Figure 2). In addition, an assessment can be made of its future capabilities.

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## BASIC DESCRIPTION

4. To provide space for the new facilities several large buildings have been razed. At least a portion of another building will be razed before construction is completed.

5. The yard will have four new buildingways, each 330 meters (1,082 feet) in length. The ways are the double-rail type in which four rails comprise one buildingway. The inland portion of the ways will be within a construction hall. This hall will measure approximately 165 by 96 meters (540 by 315 feet). The two center bays of the hall will house the buildingways, and the two outer bays will most likely be subassembly erection areas. An office-type engineering extension will be attached to the southernmost bay.

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There was no indication of a transverser system either inside or outside the construction hall. Rail service will enter the hall on the south side near the eastern end.

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6. The outside portion of the ways will be served by at least four large and four small portal cranes. Flanking and running parallel to the southern set of buildingways is a platen area which will probably be used to assemble superstructure sections. A floating drydock (FDD) will be used for launchings. Whether or not the same FDD presently used at the north yard will be used here is not known.

7. Ships built at this new yard will most likely be built in three way positions. The first way position is inside the construction hall. In this position the midsection of the ship (engineering spaces), which requires the most time to build, will probably be assembled. In the second way position (outside the hall) the remaining hull will be assembled and the major portion of the superstructure installed. Final assembly and outfitting will probably take place in the third way position (also outside the hall) prior to launch. Fitting out in this position would leave only final touches and dockside trials to be accomplished after launch. Such a system would least congest the already crowded fitting-out quay area. Using the foregoing construction sequence, the yard could have 16 ships the size of a destroyer escort under construction at any one time with only four in the water occupying fitting-out quay space.

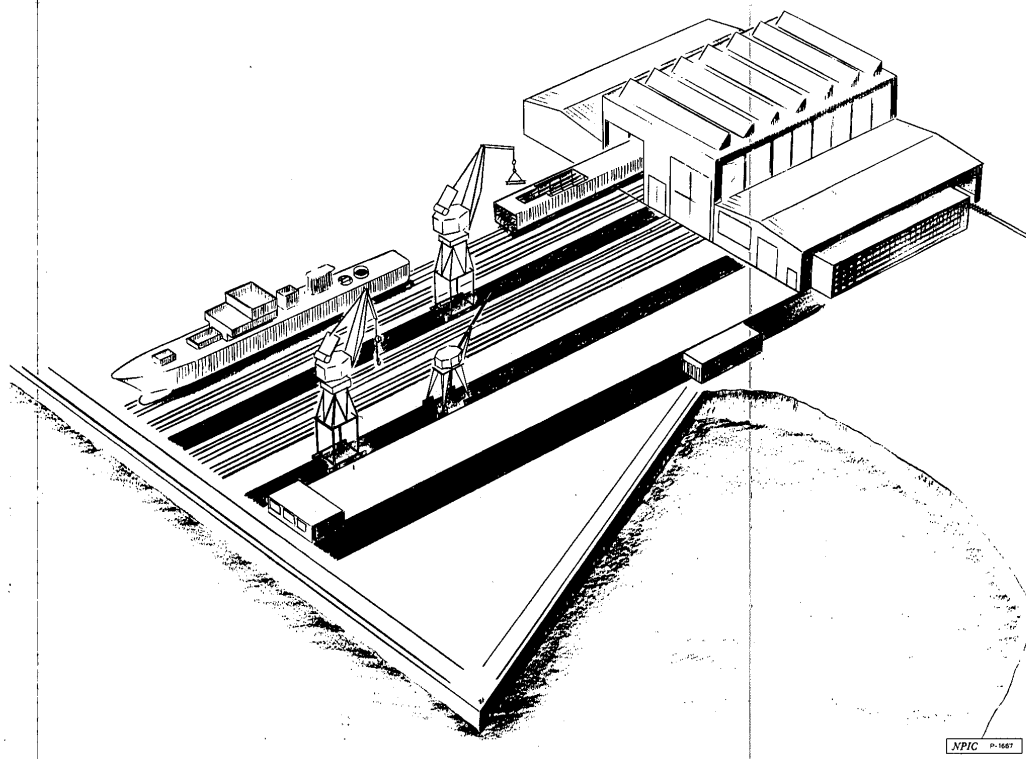


FIGURE 2. ARTIST'S CONCEPT OF NEW SHIPBUILDING FACILITIES KALININGRAD SHIPYARD STATE 820

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REFERENCES

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MAPS OR CHARTS

8th RTS. US Air Target Chart, Series 200, Sheet M0169-10HL, 4th ed, Jul 66, scale 1:200,000 (SECRET/

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REQUIREMENT

NPIC/IEG/WGD/SSB Project 251031AA

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